

Appendix J Infrastructure (Chapter 9)

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Estimation of Infrastructure from DRMS Database

Several tables in the ESP chapter on infrastructure derive estimates of the quantity and value of Delta infrastructure from the Table 7-2a “Estimate of Asset Cost Damage and Repair Times – 100-year Flood (Current)” in the Department of Water Resources (DWR) *Technical Memorandum: Delta Risk Management Strategy (DRMS) Phase 1 Topical Area: Impact to Infrastructure* of June 15, 2007.¹ As mentioned in the ESP, the estimates in Table 7-2a are for a “100-year” floodplain, which is an imaginary boundary that defines the area around the Delta and is delimited in Figure 13-1 of the DRMS Infrastructure Memorandum. However, this artificial boundary included several areas outside the Legal Delta. Therefore, to avoid counting infrastructure outside of the Delta we excluded several ‘islands’ contained in Table 7-2a.² These areas can be seen in Figure 3-2 & 3-4 of the DRMS Infrastructure Memorandum.

¹ In particular : Tables 44, 47, 48, 50, 51, 52, and 53.

² The following areas were excluded: All of Suisun Marsh (SM-1 to SM-204); Elk Grove 1; Honker Bay Club; Schaffer-Pintail Tract; Simmons-Wheeler Island; Sacramento Pocket Area; Zone 36/37/38/74/77/78/90/206/207/214.

Delta Energy Infrastructure

Table J-1 Delta Energy Generation Infrastructure

Plantname	Online MW	Primary Fuel	Owner
Port of Stockton Energy District	49.90	Distillate Oil	ACME Posdef Partners LP
Keller Canyon	2.66	Landfill Gas	Ameresco
Stockton Cogen 1	55.00	Natural Gas	Air Products & Chemicals, Inc.
Riverview Energy Center	47.30	Natural Gas	Calpine
Calpine Pittsburg	55.70	Natural Gas	Calpine
Los Medanos Energy Center	594.00	Natural Gas	Calpine
Delta Energy Center	860.20	Natural Gas	Delta Energy Center, LLP
San Joaquin Cogen	48.00	Natural Gas	El Paso Merchant Energy
GWF Tracy Peaker	166.00	Natural Gas	GWF Energy LLC
J.R. Simplot Company	4.00	Natural Gas	J.R. Simplot Company
Contra Costa	680.00	Natural Gas	Mirant Corp.
Pittsburg	1984.00	Natural Gas	Mirant Corp.
Mobile GT	41.90	Natural Gas	Pacific Gas and Electric Company
Gateway Generating Station	530.00	Natural Gas	Pacific Gas and Electric Company
Corn Products	2.80	Natural Gas	
Stockton Sierra 1	22.00	Natural Gas	
Wilbur East Power Plant	19.00	Petroleum Coke	GWF Power Systems
GWF Power Plant Nicholas Road	19.00	Petroleum Coke	GWF Power Systems
GWF Power Systems L.P.	19.00	Petroleum Coke	GWF Power Systems
US Steel Posco Industries	19.00	Petroleum Coke	GWF Power Systems
Wilbur West Power Plant	22.80	Petroleum Coke	GWF Power Systems
Winddriven, Inc.	34.70	Wind	Wind Driven LLP
Tracy Biomass Plant	23.00	Woodwaste	GWF Power Systems
	5299.96		